

# Machine Learning and the Future of AI

Machine Learning

Machine Learning is a subset of Artificial Intelligence (AI) that enables computers to learn from data and make predictions or decisions without being explicitly programmed to do so.

Machine Learning is a branch of AI that focuses on the development of algorithms that can learn from and make predictions on data. It is a key component of many modern AI applications, including image recognition, natural language processing, and recommendation systems.

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SAE level 4

AlphaGo Zero

logical positivism – logical empiricism

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Universal Approximation Theorem □ Nash Embedding Theorems □□□□□□□□□□□□  
 □□ word-embedding Vector Space □□□□□□□□□□□□□□□□□□□□□□□□□□□□

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Deepmind – AlphaGo Zero

[illegible][illegible]

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SAE level 4

[illegible][illegible]

leukotomy

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game

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[illegible]

reward Deepmind Reward is Enough

[illegible][illegible]

- “Confucius taught that marriage lies at the foundation of government.” causation
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Marc Aurel Stein
 John Leighton Stuart

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